Ricoh GX7000 — Mac OS X — ICC Profile
Setup and Print Guide – Illustrator CS~CS5

IMPORTANT: Before proceeding, please be sure you have the correct ICC Profile installed. For assistance with ICC Profile installation, refer to the Installation Guide.

Adobe Illustrator's color space needs to be set to the working space in which the ICC profile was created. This allows for a more accurate screen display of your images. However, the accuracy of the displayed image on your monitor depends more on the quality of the monitor and, more importantly, whether or not it has been calibrated with the Monitor Manufacturer's ICC profile.

Setup Guide - Adobe Illustrator CS, CS2, CS3, CS4 & *CS5*

1.) Begin by opening Illustrator. Then, in the menu bar, click **Edit > Color Settings** (see FIGURE 1).

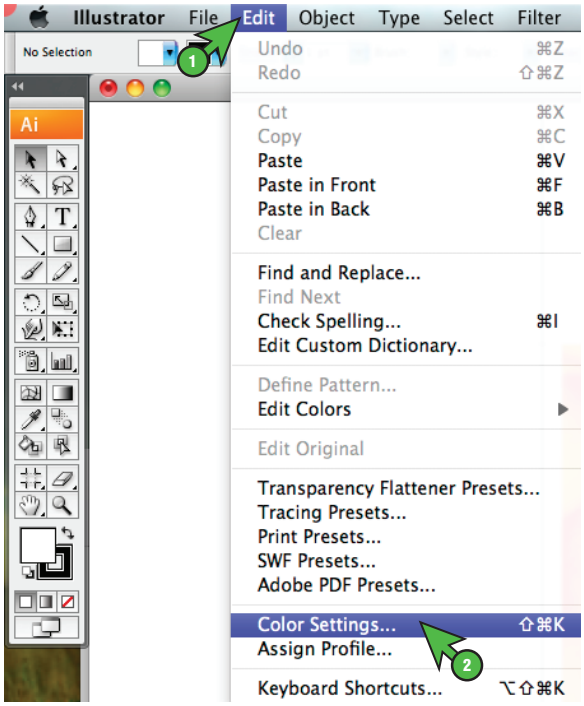

FIGURE 1

2.) The Color Settings window should now be open (see FIGURE 2). Match your settings to the ones shown below:

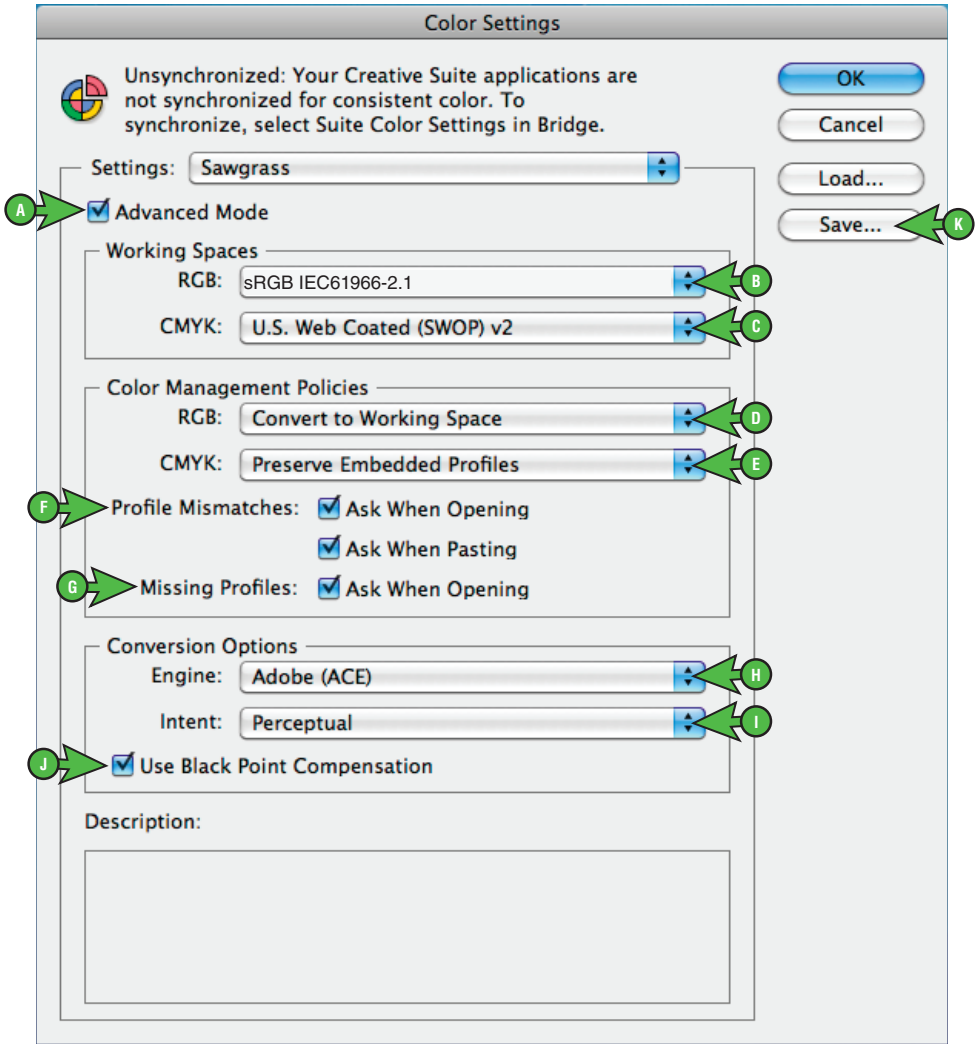

FIGURE 2

A. Check ☑ **Advanced Mode**
B. *RGB:* **sRGB IEC61966-2.1**
C. *CMYK:* **U.S. Web Coated (SWOP) v2**
D. *RGB:* **Convert to Working RGB**
E. *CMYK:* **Preserve Embedded Profiles**
F. Profile Mismatches: Check ☑ **Ask When Opening** and Check ☑ **Ask When Pasting**
G. *Missing Profiles:* Check ☑ **Ask When Opening**
H. Engine*:* **Adobe (ACE)**
I. Intent*:* **Perceptual**
J. Check ☑ **Use Black Point Compensation**
K. Once your settings match, click **Save**. This will open the Save window (see FIGURE 3)

Name your new preset in the Save As field and click **Save** when complete (see FIGURE 3).

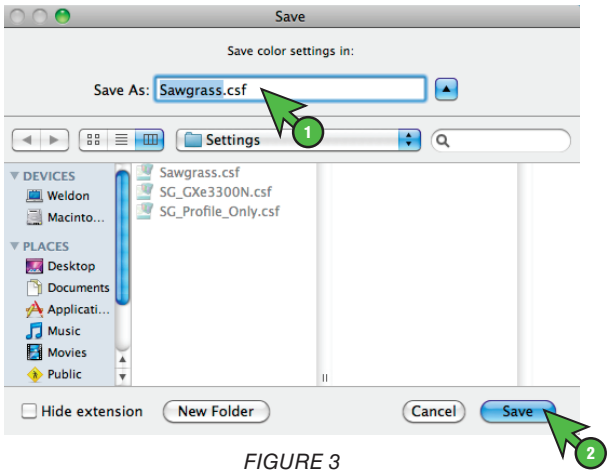

FIGURE 3

Congratulations! The Adobe Illustrator RGB Working Space setup is now complete.

Print Guide - Adobe Illustrator CS, CS2, CS3, CS4 & CS5

Begin by opening an image in Illustrator.

1.) When opening or importing images in Illustrator, you may encounter a **Missing Profile** or **Embedded Profile Mismatch** warning. For the Missing Profile instance, select the radio button for **Assign current working space:** ***sRGB IEC61966-2.1*** and click **OK** to continue (see *FIGURE 4A*). For the Embedded Profile Mismatch instance, select **Convert document's colors to the working space** and click **OK** to continue (see *FIGURE 4B*).

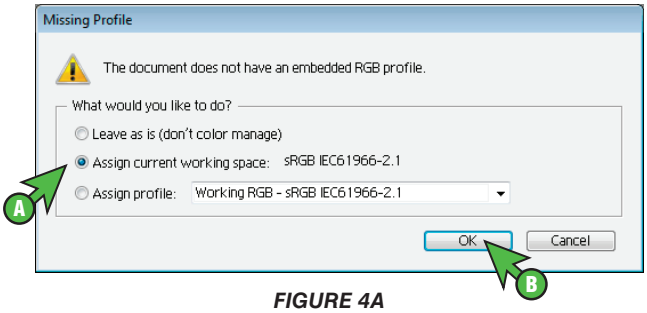
Missing Profile
The document does not have an embedded RGB profile.
What would you like to do?
Leave as is (don't color manage)
Assign current working space: sRGB IEC61966-2.1
Assign profile: Working RGB - sRGB IEC61966-2.1
OK
Cancel
A
B

FIGURE 4A

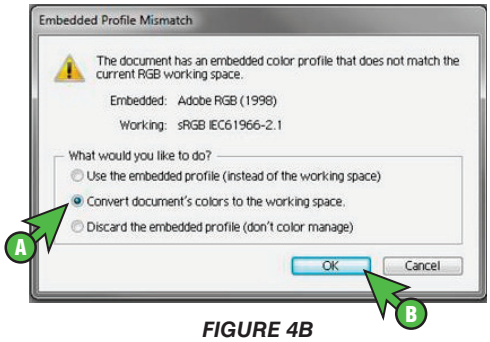
Embedded Profile Mismatch
The document has an embedded color profile that does not match the current RGB working space.
Embedded: Adobe RGB (1998)
Working: sRGB IEC61966-2.1
What would you like to do?
Use the embedded profile (instead of the working space)
Convert document's colors to the working space.
Discard the embedded profile (don't color manage)
OK
Cancel
A
B

FIGURE 4B

NOTE: *Always choose to assign or convert to* ***sRGB IEC61966-2.1.***

2.) Once an image has been opened, you will need to ensure that RGB color mode has been selected. Do this by clicking **File > Document Color Mode > RGB Color**. A check mark should now be visible beside **RGB Color** (see FIGURE 5).

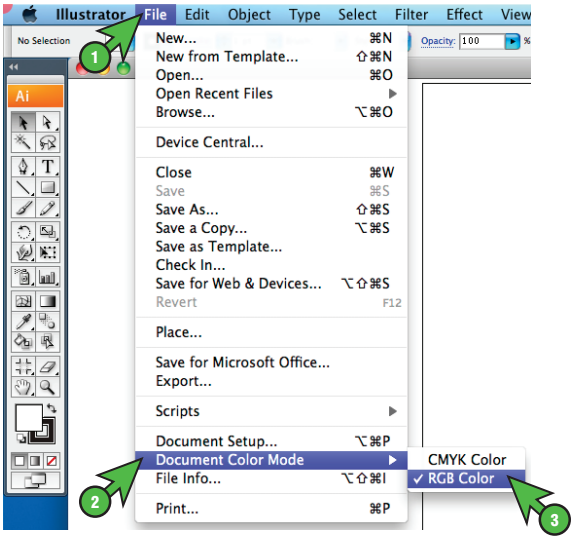

FIGURE 5

3.) Once your image is ready to print, in the menu bar, click **File > Print**. This will open the Print window (see *FIGURE 6*). Match your settings to the ones shown below:

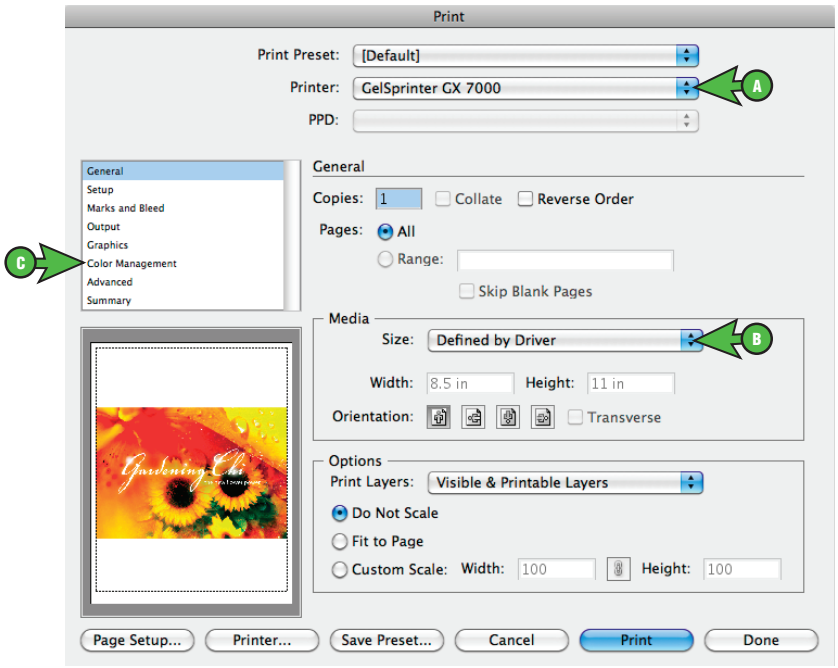

FIGURE 6

A. Click the drop-down arrow [▾] and select **GelSprinter GX7000**

B. Click the drop-down arrow [▾] and select Size: **Defined by Driver**

C. Click **Color Management**. This will open the Color Management window (see FIGURE 7).

4.) Match your settings to the ones shown below: (see FIGURE 7)

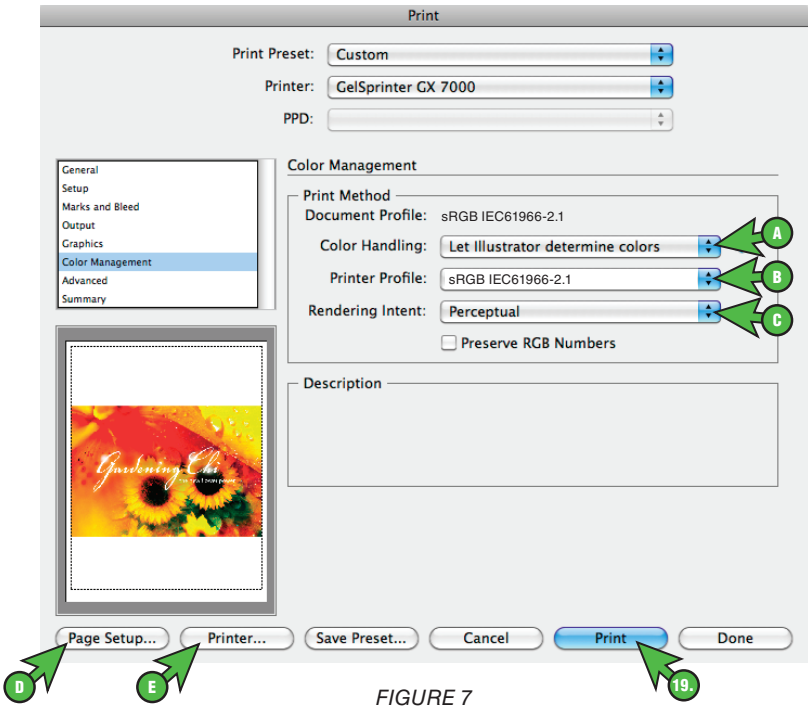

FIGURE 7

A. Click the drop-down arrow [▾] and select Color Handling: **Let Illustrator determine colors**

B. Click the drop-down arrow [▾] and select **sRGB IEC61966-2.1**

C. Click the drop-down arrow [▾] and select Rendering Intent: **Perceptual**

D. When the correct settings have been entered, click **Page Setup** (see FIGURE 7). This will open the **Page Setup** window (see FIGURE 8). Select the GelSprinter GX7000, adjust the paper size according to the transfer paper size being used and click **OK**. Clicking OK will return you to the print window (see FIGURE 7).

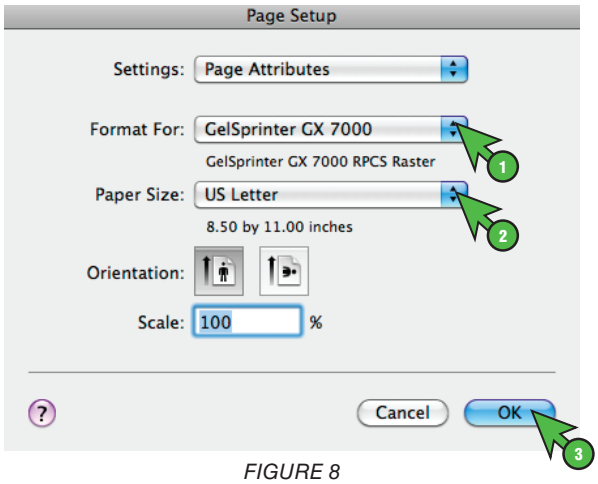

FIGURE 8

E. Click **Printer...** to continue (see FIGURE 7).

5.) Once **Printer** has been selected, the following Print window will appear (see FIGURE 9). Remember to **Mirror** the image before printing. You are able to do this within the OEM printer driver or you may choose to manually mirror each image within Illustrator. To mirror the image using the printer driver, Check ☑ **Flip horizontally** (see FIGURE 9).

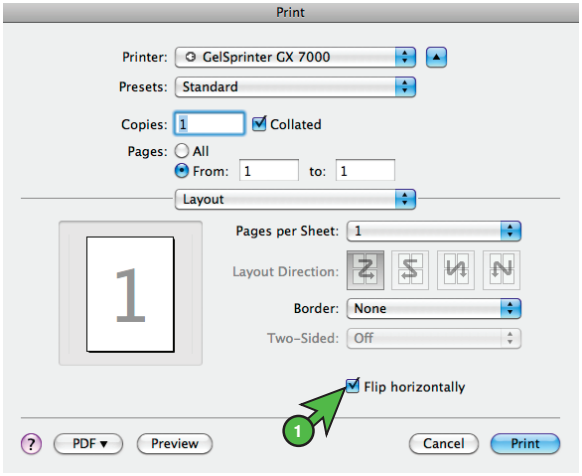

FIGURE 9

6.) Click the drop-down arrow [▾] and select **Color Matching** (see FIGURE 10).

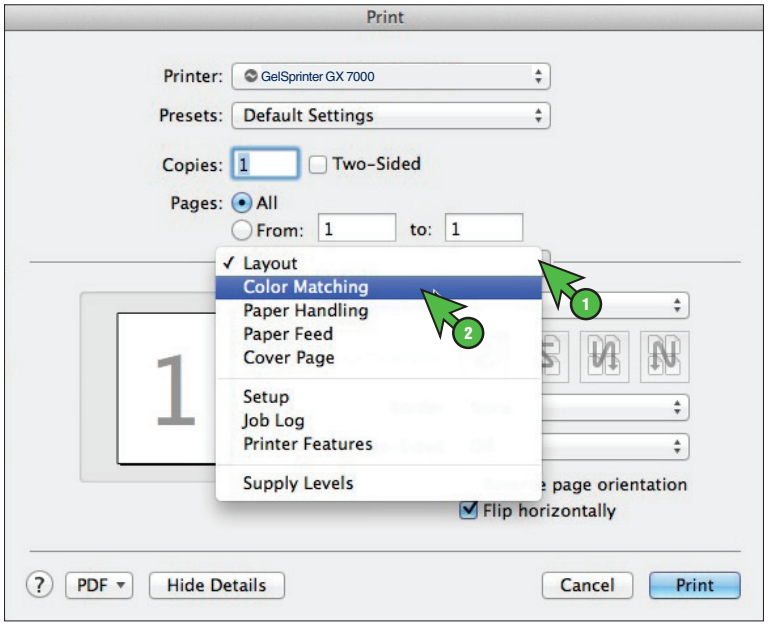

FIGURE 10

7.) In the Color Matching window, select **Color Sync**. Then select the Sawgrass profile: **sg_GX7000_IQr_RGB_v2** (see FIGURE 11).

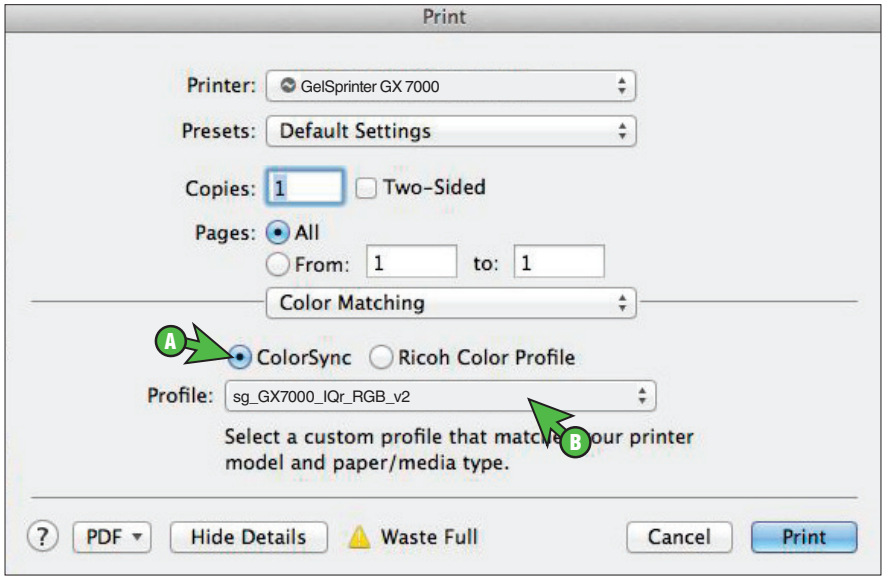

FIGURE 11

8.) Click the drop-down arrow [▾] and select **Paper Feed** (see FIGURE 12).

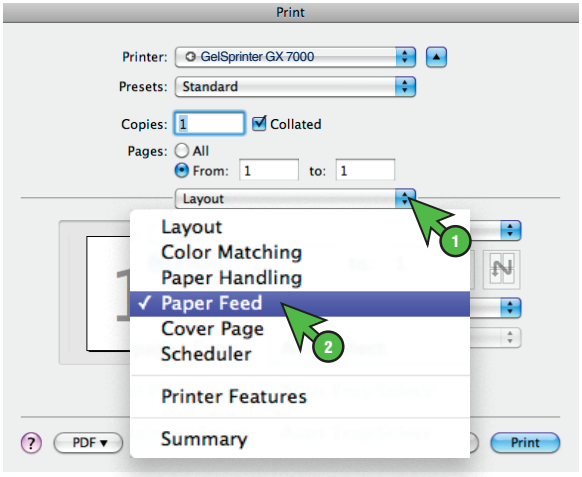

FIGURE 12

9.) In the paper feed window you are able to select the printer's paper source. We recommend using **Auto Select** unless you have purchased a Bypass Tray. For those users printing with a Bypass Tray, you will instead select **Bypass Tray** (see FIGURE 13).

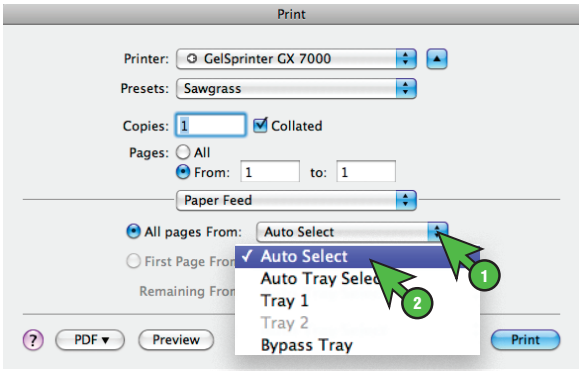

FIGURE 13

10.) Click the drop-down arrow [▾] and select **Printer Features** (see FIGURE 14). This will open the Print Features window (see FIGURE 14).

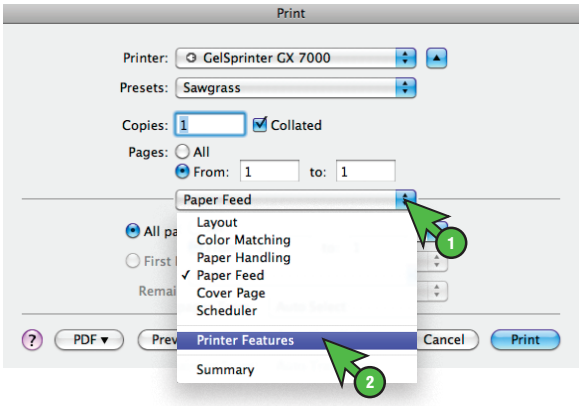

FIGURE 14

11.) Match your settings to those shown below: (see FIGURE 15)

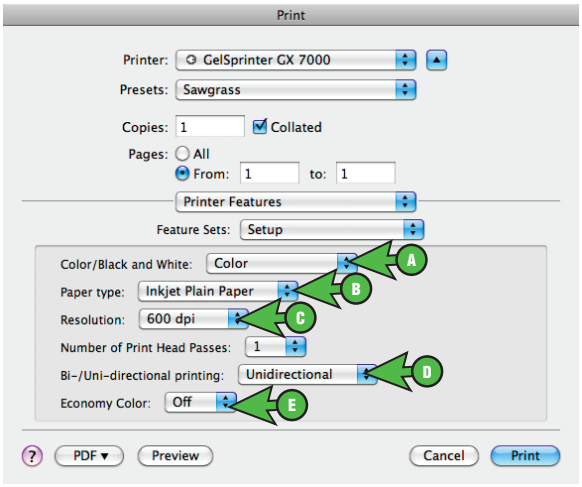

FIGURE 15

A. Click the drop-down arrow [▾] and select Color/Black and White: **Color**

B. Click the drop-down arrow [▾] and select Paper type: **Inkjet Plain Paper**

NOTE: *When choosing Paper Type, you will receive the following window (see FIGURE 16). Click* **Continue** *to proceed.*

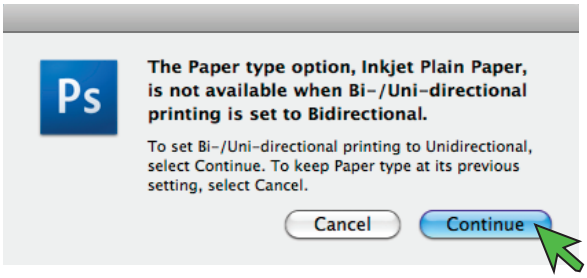
The Paper type option, Inkjet Plain Paper, is not available when Bi-/Uni-directional printing is set to Bidirectional.
To set Bi-/Uni-directional printing to Unidirectional, select Continue. To keep Paper type at its previous setting, select Cancel.
Cancel
Continue

FIGURE 16

C. Click the drop-down arrow [▾] and select Resolution: **600 dpi**

D. Click the drop-down arrow [▾] and select Bi-/Uni-directional printing: **Unidirectional**

E. Click the drop-down arrow [▾] and select Economy Color: **Off**

12.) Click the drop-down arrow [▾] and select **Image Adjustments** (see FIGURE 17).

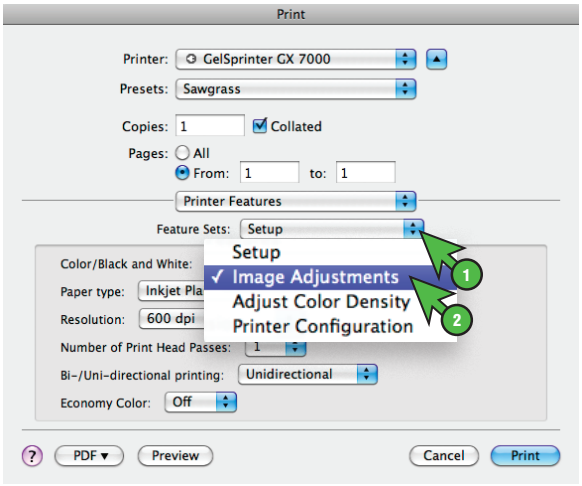

FIGURE 17

13.) Match your settings to those shown below: (see FIGURE 18)

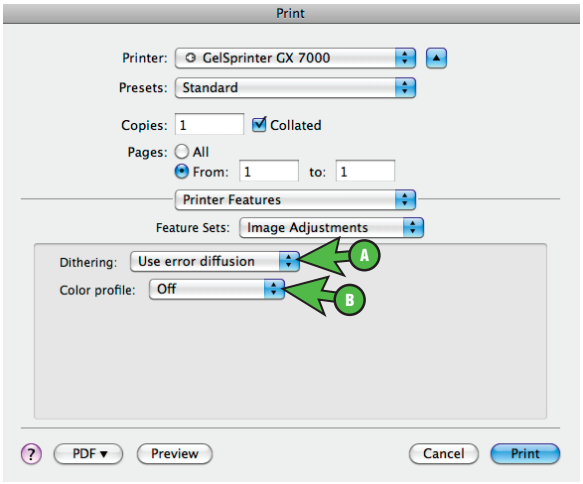

FIGURE 18

A. Click the drop-down arrow [▾] and select Dithering: **Use error diffusion**

B. Click the drop-down arrow [▾] and select Color profile: **Off**

14.) Click the drop-down arrow [▾] and select **Printer Configuration** (see FIGURE 19).

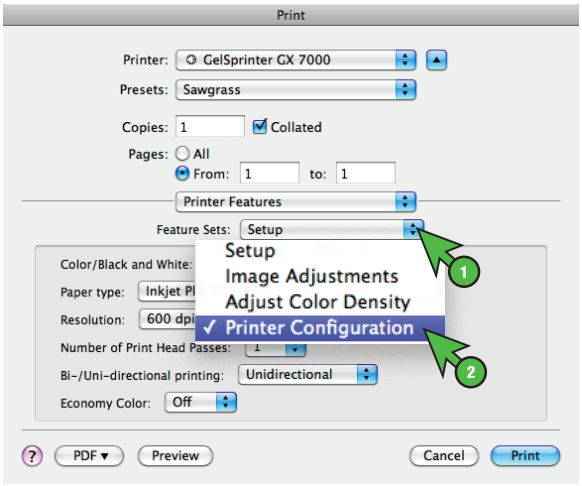

FIGURE 19

15.) Match your settings to those shown below: (see FIGURE 20)

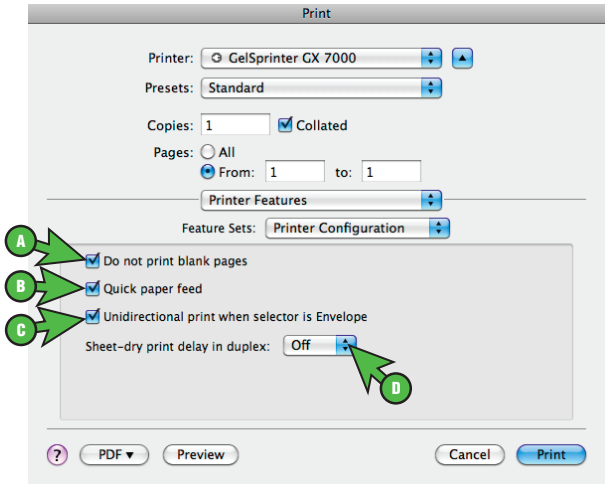

FIGURE 20

A. Check ☑ **Do not print blank pages**

B. Check ☑ **Quick Paper Feed**

C. Check ☑ **Unidirectional print when selector is Envelope**

D. Click the drop-down arrow [▾] and select Sheet-dry print delay in duplex: **Off**

16.) To save your new preset, click the drop-down arrow [▾] and select **Save As....** (see FIGURE 21)
NOTE: *It is very important not to skip this step of saving the preset. If the preset if not saved, subsequent prints will not be correct because the color management settings established through this process will not be properly utilized by Adobe Illustrator and the Mac OS.*

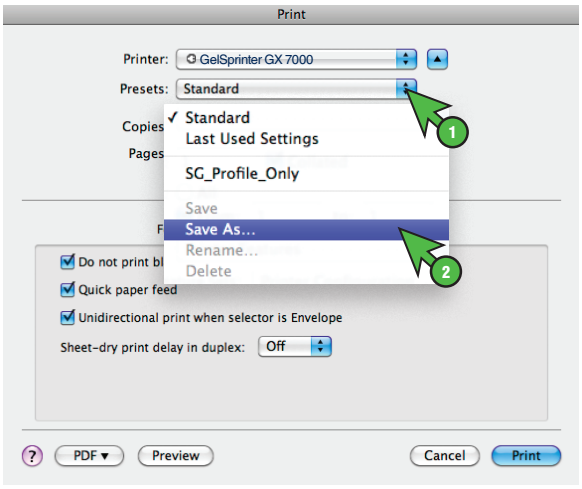

FIGURE 21

17.) Name your new preset accordingly and click **OK** when complete (see FIGURE 22).

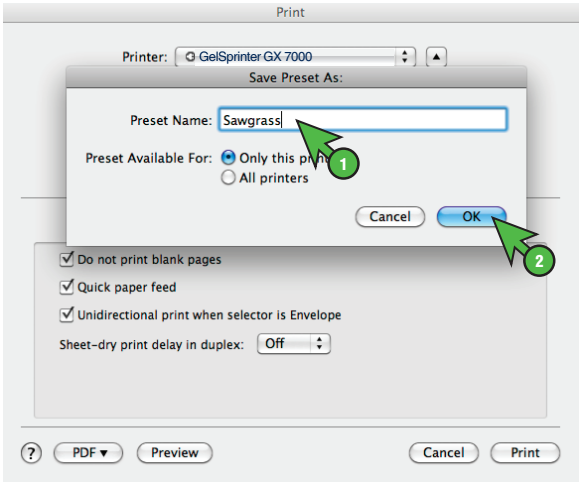

FIGURE 22

18.) Click **Print** to continue (see FIGURE 23).

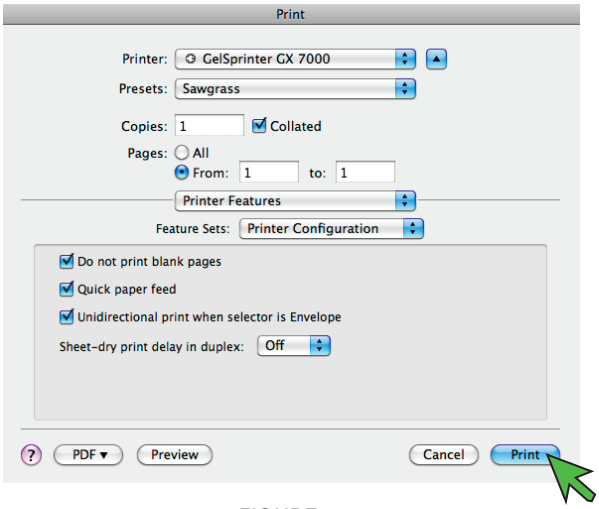

FIGURE 23

19.) You can now print your image by clicking **Print** (see FIGURE 7).

Illustrator setup is now complete. Remember to, if necessary, convert imported graphics to the sRBG working space, ensure the RGB color mode is checked and select the Gelsprinter GX 7000 along with the Sawgrass preset each time you print.

For the absolute latest information and updates on all products, materials, processes and/or procedures relative to all offerings by or through Sawgrass Technologies, Inc., refer to our website:
www.sawgrassink.com

ink.differently;
MARKETING@SAWGRASSINK.COM | WWW.SAWGRASSINK.COM | 866.290.3812
SAWGRASS™ TECHNOLOGIES CONSUMER